Listing of Claims

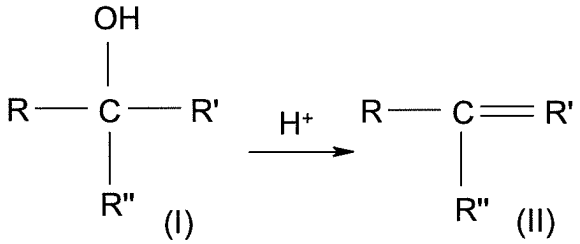
This listing of claims will replace all prior versions, and listings, of claims in the application:

1-26. (Cancelled)

27. (Withdrawn) A kit for detecting *Helicobacter pylori*, the kit comprising:

a source of urea, the urea being hydrolyzable in the presence of a urease enzyme to generate ammonia; and

a breath testing device comprising a visual indicating agent that is color sensitive to the ammonia, wherein the visual indicating agent has the following general formula (I) or (II):



R is $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, or C_6H_5;

R' is $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, $C_{10}H_6(OH)$, or $(NaCO_2)C_{10}H_5(OH)$; and

R" is H, $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, $C_{10}H_6O$, or $(NaCO_2)C_{10}H_5O$.

28. (Withdrawn) The kit of claim 27, wherein the visual indicating agent contains 4,4'-bis(dimethylamino)-benzhydrol.

29. (Withdrawn) The kit of claim 27, wherein the visual indicating agent contains pararosaniline base, alpha-naphtholbenzein, or napthochrome green.

30. (Withdrawn) The kit of claim 27, wherein the visual indicating agent is sensitive to ammonia at a concentration of about 20 to about 500 parts per million.

31. (Withdrawn) The kit of claim 27, wherein the visual indicating agent is sensitive to ammonia at a concentration of about 50 to about 400 parts per million.

32. (Withdrawn) The kit of claim 27, wherein the breath testing device comprises a reference zone.

33. (Withdrawn) The kit of claim 27, wherein the breath testing device comprises a substrate on which the visual indicating agent is disposed.

34. (Withdrawn) The kit of claim 33, wherein the substrate comprises nanoparticles.

35. (Withdrawn) The kit of claim 34, wherein the nanoparticles have an average size of less than about 100 nanometers.

36. (Withdrawn) The kit of claim 34, wherein the nanoparticles have a surface area of from about 50 to about 1000 square meters per gram.

37. (Withdrawn) The kit of claim 34, wherein the nanoparticles include silica, alumina, or combinations thereof.

38. (Withdrawn) The kit of claim 33, wherein the substrate contains a fibrous material.

39. (Withdrawn) The kit of claim 38, wherein the fibrous material contains cellulosic fibers.

40. (Withdrawn) The kit of claim 33, wherein the substrate is located within a passage of a carrier portion.

41. (Withdrawn) The kit of claim 40, wherein the carrier portion is open at least one end.

42. (Withdrawn) The kit of claim 41, wherein the carrier portion is a cylindrical structure.

43. (Withdrawn) The kit of claim 41, wherein the carrier portion is substantially flattened.

44. (Withdrawn) The kit of claim 41, wherein the carrier portion is connected to a balloon.

45. (Withdrawn) The kit of claim 33, wherein the substrate covers an end of a carrier portion.

46. (Withdrawn) The kit of claim 33, wherein the visual indicating agent is applied to the substrate as a solution.

47. (Withdrawn) The kit of claim 46, wherein the concentration of the visual indicating agent is from about 0.001 to about 15% wt/wt of the solution.

48. (Withdrawn) The kit of claim 46, wherein the concentration of the visual indicating agent is from about 0.005 to about 2% wt/wt of the solution.

49. (Withdrawn) A kit for detecting *Helicobacter pylori*, the kit comprising:

a source of urea, the urea being hydrolyzable in the presence of a urease enzyme to generate ammonia; and

a breath testing device comprising a visual indicating agent that is color sensitive to the ammonia, wherein the visual indicating agent contains 4,4'-bis(dimethylamino)-benzhydrol.

50. (Withdrawn) The kit of claim 49, wherein the breath testing device comprises a reference zone.

51. (Withdrawn) The kit of claim 49, wherein the breath testing device comprises a substrate on which the visual indicating agent is disposed.

52. (Withdrawn) The kit of claim 51, wherein the substrate comprises nanoparticles.

53. (Withdrawn) The kit of claim 52, wherein the nanoparticles include silica, alumina, or combinations thereof.

54. (Withdrawn) The kit of claim 51, wherein the substrate contains a fibrous material.

55. (Withdrawn) The kit of claim 54, wherein the fibrous material contains cellulosic fibers.

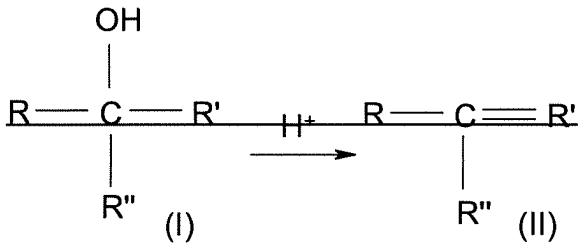
56. (Withdrawn) The kit of claim 51, wherein the substrate is located within a passage of a carrier portion.

57. (Withdrawn) The kit of claim 56, wherein the carrier portion is open at least one end.

58. (Withdrawn) The kit of claim 57, wherein the carrier portion is connected to a balloon.

59. (Withdrawn) The kit of claim 51, wherein the substrate covers an end of a carrier portion.

60. (Currently Amended) A kit for detecting *Helicobacter pylori*, the kit comprising a breath testing device having a visual indicating agent that is color sensitive to ammonia and a breath collecting device, wherein the visual indicating agent contains Michler's hydrol ~~has the following general formula (I) or (II):~~



~~R is $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, or C_6H_5;~~

~~R' is $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, $C_{10}H_6(OH)$, or $(NaCO_2)C_{10}H_5(OH)$; and~~

~~R" is H, $(CH_3)_2NC_6H_5$, $(NH_2)C_6H_5$, $C_{10}H_6O$, or $(NaCO_2)C_{10}H_5O$.~~

61-62. (Cancelled)

63. (Previously Presented) The kit of claim 60, wherein the visual indicating agent is sensitive to ammonia at a concentration of about 20 to about 500 parts per million.

64. (Previously Presented) The kit of claim 60, wherein the visual indicating agent is sensitive to ammonia at a concentration of about 50 to about 400 parts per million.

65. (Previously Presented) The kit of claim 60, wherein the breath testing device comprises a reference zone.

66. (Previously Presented) The kit of claim 60, wherein the breath testing device comprises a substrate on which the visual indicating agent is disposed.

67. (Previously Presented) The kit of claim 66, wherein the substrate comprises nanoparticles.

68. (Previously Presented) The kit of claim 67, wherein the nanoparticles have an average size of less than about 100 nanometers.

69. (Previously Presented) The kit of claim 67, wherein the nanoparticles have a surface area of from about 50 to about 1000 square meters per gram.

70. (Previously Presented) The kit of claim 67, wherein the nanoparticles include silica, alumina, or combinations thereof.

71. (Previously Presented) The kit of claim 66, wherein the substrate contains a fibrous material.

72. (Currently Amended) The kit of claim 71 ~~66~~, wherein the fibrous material contains cellulosic fibers.

73. (Previously Presented) The kit of claim 66, wherein the substrate is located within a passage of a carrier portion of the breath collecting device.

74. (Previously Presented) The kit of claim 73, wherein the carrier portion is open at least one end.

75. (Previously Presented) The kit of claim 74, wherein the carrier portion is a cylindrical structure.

76. (Previously Presented) The kit of claim 74, wherein the carrier portion is substantially flattened.

77. (Previously Presented) The kit of claim 74, wherein the carrier portion is connected to a balloon.

78. (Previously Presented) The kit of claim 66, wherein the substrate covers an end of a carrier portion of the breath collecting device.

79. (Previously Presented) The kit of claim 66, wherein the visual indicating agent is applied to the substrate as a solution.

80. (Previously Presented) The kit of claim 79, wherein the concentration of the visual indicating agent is from about 0.001 to about 15% wt/wt of the solution.

81. (Previously Presented) The kit of claim 79, wherein the concentration of the visual indicating agent is from about 0.005 to about 2% wt/wt of the solution.

82. (Previously Presented, Withdrawn) The kit of claim 60, further comprising a source of urea, the urea being hydrolyzable in the presence of a urease enzyme to generate ammonia.